

**AMENDMENT NO. 2 MARCH 2017**  
**TO**  
**IS 4031 (PART 2) : 1999 METHODS OF PHYSICAL TESTS**  
**FOR HYDRAULIC CEMENT**

**PART 2 DETERMINATION OF FINENESS BY BLAINE AIR  
PERMEABILITY METHOD**

*(Second Revision)*

*(Page 1, clause 4.8) — Substitute the following for the existing clause:*

**‘4.8 NCB Certified Reference Material**

1001A shall be used as the reference cement for determination of apparatus constant.

NOTE — ‘NCB CRM-1001A’ may be obtained from:

Centre for Quality Management, Standards & Calibration Services  
National Council for Cement and Building Materials  
34 Km Stone, NH-2, Delhi Mathura Road  
Ballabgarh – 121007 (Haryana)’

*(Page 3, clause 5.4.2, first sentence) — Substitute the following for the existing sentence:*

‘From a supply of reference cement (NCB CRM – 1001A) of known specific surface, prepare a compacted cement bed and measure its permeability by the procedures given in **5.2.2** to **5.2.4** and **5.3.2**.’